

**DISTRIBUTED MONITORING
IN A TELECOMMUNICATIONS SYSTEM**

Abstract

5 A telecommunication system and method are disclosed. The telecommunication network is
comprised of a plurality of peer communication devices coupled to a control system. Each
of the communication devices collects performance data on its own performance and
transfers the performance data to the control system. The control system, in response to
receiving the performance data, processes the performance data from the communication
10 devices to generate a performance file that indicates the performance of each of the
communication devices. The control system transfers the performance file to each of the
communication devices. Responsive to receiving the performance file, each of the
communication devices processes the performance file to compare its performance to the
performance of the other peer communication devices. Each of the communication devices
15 may process the performance file to improve its performance.